

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 09043456
PUBLICATION DATE : 14-02-97

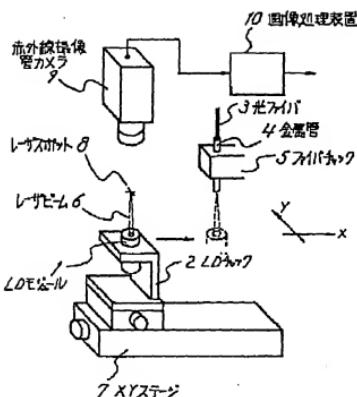
APPLICATION DATE : 27-07-95
APPLICATION NUMBER : 07191733

APPLICANT : NEC CORP;

INVENTOR : TANAKA RYOJI;

INT.CL. : G02B 6/42

TITLE : DEVICE AND METHOD FOR
ADJUSTING OPTICAL AXIS OF
OPTICAL MODULE



ABSTRACT : PROBLEM TO BE SOLVED: To shorten a time for adjusting the optical axis of an optical module.

SOLUTION: The device is provided with an XY stage 7 for mounting an LD module 1, a fiber chuck 5 for fixing the incident end of an optical fiber 3, an infrared ray image pickup tube camera 9 for observing the laser spot 8 of the LD module 1 and an image processor 10 for detecting the position of the laser spot 8 based on an image taken in by the camera 9, and the LD module 1 is moved by the XY stage 7 as long as the relative position between the position of the laser spot 8 detected by the image processor 10, the camera 9 and the incident end of the optical fiber 3.

COPYRIGHT: (C)1997,JPO